

Serial No. 09/690,040

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Docket No. 4363-4012US4

172. (new) The planar array of beads according to claim 71, wherein said array of beads is anchored by chemical means.

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173. (new) The planar array of beads according to claim 48, wherein said planar array of beads is permanently anchored to said electrode.

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174. (new) The planar array of beads according to claim 48, wherein the beads of each type are encoded with a physical characteristic that uniquely identifies the biomolecules attached to said bead type.

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175. (new) The planar array of beads according to claim 48, wherein beads of each said bead type are encoded with a chemical label that uniquely identifies the biomolecules attached to said bead type. - -

REMARKS

A. Status of Pending Claims and Explanation of Amendments

Claims 43-69 were pending in the application, with claims 57-69 corresponding to non-elected claims. By this Amendment, claims 54 and 55, as well as the non-elected claims, have been canceled. Cancellation of these claims is without prejudice to file and prosecute to allowance claims relating to the cancelled subject matter in a continuation application. In addition, claim 43 has been amended to present the claim in a better form, without changing the scope of the invention. A marked-up version of the amended claim 43 is provided by the Appendix. Support for the amendment may be found in Example V of the specification (page 26-30) which teaches the preparation of heterogeneous panels of particles. Support is also found.